SEQUENCE LISTING

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FUJIMURA, TOMOKO
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<120> SCREENING METHODS FOR GENES OF BREWING YEAST

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<140> 10/791,791
<141> 2004-03-04

<150> JP 2003-057677
<151> 2003-03-04

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<170> PatentIn Ver. 3.3

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Ser Phe Pro Tyr Pro Ala Arg Trp Leu Arg Ile Cys Ser Thr Ile Met
35 40 45

Phe Ala Ile Thr Cys Leu Ile Phe Ile Ser Val Gln Ala Leu Gln Leu
50 55 60

Leu His Met Val Ile Tyr Ile Lys Glu Lys Ser Phe Arg Asp Tyr Phe
65 70 75 80

Asn Glu Tyr Phe Arg Ser Leu Lys Tyr Asn Leu Phe Trp Gly Thr Tyr
85 90 95

Pro Met Gly Leu Val Thr Ile Ile Asn Phe Leu Gly Ala Leu Ser Gln
100 105 110

Lys Phe Thr Thr Thr Ser Pro Ala Asn Ala Lys His Leu Ile Ile Phe
115 120 125

Val Tyr Val Leu Trp Trp Tyr Asp Leu Ala Val Cys Leu Val Thr Ala
130 135 140

Trp Gly Ile Ser Phe Leu Ile Trp Gln Lys Tyr Tyr Phe Val Asp Gly
145 150 155 160

Val Gly Asn His Ser Ser Tyr Ser Ser Arg Met Ala Ser Asp His Met
165 170 175

Lys Ser Val Leu Leu Leu Asp Ile Ile Pro Leu Val Val Val Ala Ser
180 185 190

Ser Gly Gly Thr Phe Thr Met Ser Lys Ile Phe Gly Thr Thr Phe Asp
195 200 205

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Arg Asn Ile Gln Leu Leu Thr Leu Val Ile Cys Ala Leu Val Trp Leu
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His Ala Leu Ile Phe Val Phe Ile Leu Ile Thr Ile Tyr Phe Trp Asn
225                 230                 235                 240

Leu Tyr Ile Asn Lys Ile Pro Pro Met Thr Gln Val Phe Thr Leu Phe
                245                 250                 255

Leu Val Leu Gly Pro Leu Gly Gln Gly Ser Phe Gly Ile Leu Leu Leu
            260                 265                 270

Thr Asp Asn Ile Arg Lys Tyr Val Glu Lys Tyr Tyr Pro Arg Glu Asn
        275                 280                 285

Ile Thr Met Glu Gln Glu Ile Leu Thr Ile Met Val Pro Trp Cys Phe
    290                 295                 300

Lys Val Leu Gly Met Thr Phe Ala Leu Ala Leu Ile Ala Met Gly Tyr
305                 310                 315                 320

Phe Phe Thr Val Ile Ser Leu Ile Ser Ile Leu Ser Tyr Tyr Asn Glu
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Arg Val Val Asp Asn Glu Thr Gly Lys Val Lys Arg Ile Tyr Thr Phe
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His Lys Gly Phe Trp Gly Met Thr Phe Pro Met Gly Thr Met Ser Leu
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Gly Asn Glu Glu Leu Tyr Leu Gln Tyr Asn Gln Tyr Val Pro Leu Tyr
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Ala Phe Arg Val Ile Ala Thr Ile Tyr Gly Gly Ile Cys Val Cys Trp
385                 390                 395                 400

Ser Ile Leu Cys Leu Ser Cys Thr Leu Tyr Gly Tyr Leu Lys Thr Ile
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Leu His Ala Ala Arg Lys Pro Ser Phe Leu Ser Glu Glu Gly Thr Glu
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Ser Ala Ser Gly Lys Ser Thr Ile Ala Cys Ala Leu Glu Gln Leu Leu
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50 55 60

Phe Gly Leu Asn Lys Asp Leu Gly Phe Ser Glu Lys Asp Arg Asn Glu
65 70 75 80

Asn Ile Arg Arg Ile Ser Glu Val Ser Lys Leu Phe Ala Asp Ser Cys
85 90 95

Ala Val Ser Ile Thr Ser Phe Ile Ser Pro Tyr Arg Val Asp Arg Asp
100 105 110

Arg Ala Arg Asp Leu His Lys Glu Ala Gly Leu Lys Phe Ile Glu Ile
115 120 125

Phe Val Asp Val Pro Leu Glu Val Ala Glu Gln Arg Asp Pro Lys Gly
130 135 140

Leu Tyr Lys Lys Ala Arg Glu Gly Val Ile Lys Glu Phe Thr Gly Ile
145 150 155 160

Ser Ala Pro Tyr Glu Ala Pro Lys Ala Pro Glu Leu His Leu Arg Thr
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Asp Gln Lys Thr Val Glu Glu Cys Ala Ala Ile Ile Tyr Glu Tyr Leu
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Val Asn Glu Lys Ile Ile Arg Lys His Leu
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 6
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
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<210> 7
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 8
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<400> 11
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<210> 13
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<210> 14
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<400> 15
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<210> 16
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<223> Description of Artificial Sequence: Synthetic
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<210> 24
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<400> 24
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<400> 25
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<400> 26
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<400> 28
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<400> 36
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<210> 37
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